Active Network Tester

KE7200

KURTH ELECTRONIC

Fast and easy testing of LAN cables and network communication

- High resolution graphical display with backlight
- Checks for common wiring faults like opens, shorts and mis-wires
- Detects split pairs even for short cables (> 1m)
- Displays line voltage
- Measures cable length and distance to fault (TDR)
- Four high-power selectable cable trace signals
- Blinks the link lights on connected port equipment
- Displays link speed - 10/100/gigabit Ethernet
- Tests LANs using Static IP or DHCP
- List of active LAN devices with IP, MAC and name
- PING with different frame sizes
- POE test to IEE802.3af standard including available power
- The master unit identifies and tests with up to 32 individual remote modules
- Remote modules have a Pass/Fail LED
- Over-voltage protected up to to 200 V

The **KE7200** LAN Tester is an easy-to-use tool that verifies and troubleshoots all types of Ethernet cable installations, from essential copper wiring tests to active IP PING. Advanced copper test capabilities include active TDR for cable length and detection of split pairs even on jumpers (down to 1 meter or 3 feet). The KE7200 even shows multiple faults simultaneously.

Essential Copper Tests
The **KE7200** tests for wire continuity, opens, shorts, miswires and split pairs. It also displays the length of the cable.

Active Testing
The **KE7200** LAN Tester finds and displays network-connected devices with their IP/MAC addresses. It works with either DHCP or fixed IP services. Connected devices can be PINGed one by one with selectable frame lengths and CRC errors are displayed if they occur.

Power-over-Ethernet (PoE)
The **KE7200** not only checks for availability of PoE, it detects the type available and what power level is supported. PoE is appearing more commonly as devices like wireless access points (WAP), IP cameras and IP telephones grow in popularity -- mismatches between equipment and the supply of power can cause a variety of problems.

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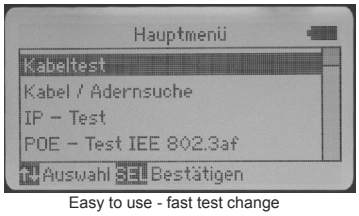
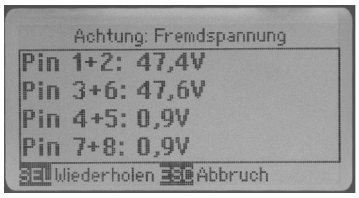
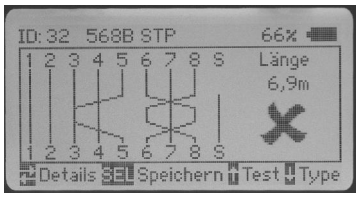
Specifications



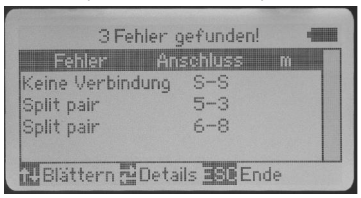
Easy to use - fast test change



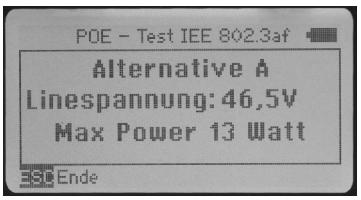
Foreign Voltage Warning
Over Voltage protected up to 200V



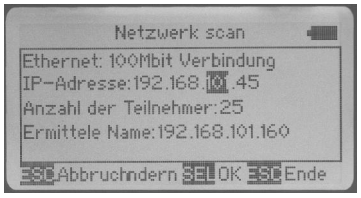
Clear indication of wiring errors
Open, Short, Reversals, Split



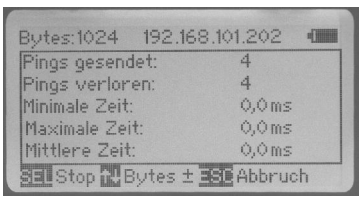
Detailed Error Informations



Test for POE power and indication in Watts



Listing of Network adresses



Ping of any IP- Address

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Wire Test Copper:
Check of wires connected, by pin and pair.
16 dedicated wiring schemes predefined.
Graphical display shows wire map with clear indication of good/bad.
Detects split pair from 3 ft (1m) on jumpers.
TDR measures all wires separately and shows length to fault.

Power over Ethernet Test:
Activation of POE port , measuring of voltage and current. Shows available power in watts.

IP - Network test:
Checks network using static IP or DHCP.
Internal IP address and Mac address settable.
Listing of all working LAN stations by name (if used), IP and MAC address.
Ping of selected addresses - frame length settable between 32 and 1024 bits.
Ping test results: pings sent, lost pings, response time.
Constant-ping mode to generate traffic.

Cable Trace:
Blink link activity LED, or
Follow tracing tones with Probe, select from four tone signals
SOLID: 1000 Hz
ALT: 1000/800 Hz
SOLID: 2600 Hz
ALT: 2600/1900 Hz

***Over-voltage Protection*:**
Up to 200 V AC

Housing:
Thick walled ABS resistant to weather and drop.
Heavy display shield.

Battery:
4 x 1,5V alkaline (AA, LR6)

Size:
195 x 100/78 x 45 mm
Weight:
380 g without batteries

Environment:
Working temperature: -5 - +50 °C
Storage temperature : -25 - +75°C
Humidity : 90% RH non-condensing

Standard Ke7200 kit comes with:
2 KE7010 remote modules, 3 0,5m CAT6 test cables, 1 2m RJ45/RJ11 Pin 4/5 test cable, 1 2m RJ45 to 2 x banana/4mm with croc clips, 1 RJ45-to-BNC adapter, 1 BNC-to-F adapter, Windows®-compatible PC software, user manual and carry bag.

Active Remote Module KE7010

Housing:
Heavy, weather protected ABS
Features:
ID programmable 01 - 32
Integral pass/fail LED
***Size*:**
61 x 41 x 26 mm
***Weight*:**
30g

Technical modifications are subject to change

Ordering Information

0.49420	KE7200 Network Tester with 2 Remotes KE7010 Set of Test Cords and Pouch
0.49421	KE7200 PRO KIT Network Tester with 4 Remotes KE7010, Set of Test Cords, Capacitive PROBE310 and Pouch
0.49415	KE7010 1 active Remote , good/bad LED,programmable ID with test cord 0,5m CAT6
0.49416	KE7010 KIT, 4 active Remote , good/bad LED, programmable ID, with 4 test cord 0,5m CAT6
0.49417	KE7010 PRO KIT, 4 active Remote , good/bad LED, programmable ID, with 4 test cord 0,5m CAT6, PROBE310 with Pouch

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